



### DESCRIPTION:

DeoMould is a mould release agent, formulated using virgin Group II (synthetic technology) base oils, which may be applied to mould surfaces either as a neat oil or as a creamy emulsion, formed by slowly mixing water into the mould oil until the required consistency is obtained.

### APPLICATION:

#### Preparation:

To prepare an emulsion, the neat mineral oil should be stirred vigorously while slowly adding small amounts of water. **Do not add oil to water as an unstable emulsion will occur.**

The proportion of water to oil may be varied depending on the consistency required for a particular application. Normally a ratio of three parts water to one part DeoMould will give a consistency suitable for plywood moulds. Two or three coats should be applied before using new moulds. The max practical dilution is five parts water to one part DeoMould which is generally the consistency required for GRP moulds and resin treated plywood moulds.

#### Application:

For best results DeoMould should be applied by spray - alternatively, rollers, brushes or swabs may be used. It is important, however, that a uniform coating of the correct thickness is applied in order to avoid variations in the appearance of the finished product. Too thick a film may result in discoloration, while too thin a film may cause damage as the mould is removed.

### FEATURES AND ADVANTAGES:

- Ensures a clean smooth film.
- Provides particularly good standard of finish when applied neat to steel, aluminium and other non-absorbing shuttering.
- Enables quick, easy removal of form work.
- Keeps moulds in good condition, reducing the amount of cleaning that is required after use.
- Good anti-rust properties help to protect steel shuttering.
- Easily handled for dosing into heat-transfer systems.

### PHYSICAL PROPERTIES:

|                   |          |
|-------------------|----------|
| DENSITY @ 20°C    | 0.9010   |
| VISCOSITY @ 40°C  | 23.5 cSt |
| VISCOSITY @ 100°C | 4.11 cSt |
| VISCOSITY INDEX   | 15       |
| POUR POINT        | -42°C    |
| FLASH POINT (PMC) | 182°C    |

### PRODUCT ICON:



#### DISCLAIMER AND GENERAL ADVICE

THESE CHARACTERISTICS ARE TYPICAL OF CURRENT PRODUCTION. WHILST FUTURE PRODUCTION WILL CONFORM TO DEOJAY PETROLEUM KZN (PTY) LTD SPECIFICATION, VARIATIONS IN THESE CHARACTERISTICS MAY OCCUR. ALL REASONABLE CARE HAS BEEN TAKEN TO ENSURE THAT THE INFORMATION CONTAINED IN THIS PUBLICATION IS ACCURATE AS AT THE TIME OF PRINTING, SOME INFORMATION IS NEVERTHELESS LIABLE TO VARIATION IN THE EVENT OF CHANGES TO ANY OF THE FOLLOWING OCCURRING SUBSEQUENT TO THE DATE OF PRINTING: THE BLEND FORMULATION, METHODS OF STORAGE, DUE TO THE IMPROPER HANDLING OR APPLICATION OF ANY OF THE PRODUCTS REFERRED TO, OR REQUIREMENTS OF ANY SPECIFICATION OR APPROVAL RELATING TO ANY OF THE PRODUCTS.

#### HEALTH AND SAFETY

GUIDANCE ON HEALTH AND SAFETY ARE AVAILABLE ON THE APPROPRIATE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM YOUR DEOJAY REPRESENTATIVE.

FOR MORE INFORMATION CONTACT:  
TECHNICAL ADVICE LINE (C. WRIGHT):  
CUSTOMER SERVICE:

DEOJAY PETROLEUM KZN (PTY) LTD  
(+27) 82 071 9560  
(+27) 31 569 1276

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